SPLit -1

Work Order ID 116298 *116298*

Thursday, April 10, 2014 10:32:49 AM

Item ID: D4728-053 **Accept** *N900040100* **Setup Start** *NS1*

Revision ID: **Stop** *NS2*

Item Name: Cabin Lights #2

Start Date: 4/10/2014 **Start Qty:** 2.00 *2* **Cust Item ID:**

Required Date: 7/9/2014 **Req'd Qty:** 2.00 *2* **Customer:**

Reference:

Run Start *NR1*

Stop *NR2*

Approvals: **Process Plan:** CL **Date:** 14/04/10 **Tooling:** **Date:**

QC: **Date:** **SPC (Y/N):** **Date:**

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp

Draw Nbr	Revision Nbr
D4728	D

110 0.00

110

Outsource8

Outsource process- Eagle

CL 14/04/10 x5

Memo 0.00

Issue P/O to Eagle : 23732

Manufacture as per dwg

Ship to Eagle: qty of (1) D4638-1

Certificate of conformity required

120 Receive & Inspect for Damage & Mat'l Certs 0.00

120

Packaging

Packaging

14/4/29 (2)

Memo 0.00

Inspect and check certificate of conformity

DQA: _____ Date: _____

DART AEROSPACE

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Inspection Strip in Tube
☐ Marks/Chatter
☐ Turning Sequence
☐ Wave/Twist in Tube

General

☐ Bend
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Burrs
☐ Contamination
☐ Countersink
☐ Cut Too Short
☐ Drawing
☐ Drill Holes
☐ Finish
☐ Fit/Function

☐ Folio/Program
☐ Grain
☐ Hardware
☐ Inspection Incomplete/Unqualified
☐ Instructions Incomplete/Unclear
☐ Misaligned/off center
☐ Mislabeled
☐ Misread
☐ Off-set
☐ Out of Calibration
☐ Out of Sequence

☐ Outside Dimensions
☐ Over/Under tolerance
☐ Part Incorrect
☐ Part Lost/Missing
☐ Part Moved
☐ Positioned Wrong
☐ Power Loss/Surge

☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled

☐ Other

Item ID: D4728-053 **Accept** *N900040100* **Setup Start** *NS1*
Revision ID: **Stop** *NS2*
Item Name: Cabin Lights #2

Start Date: 4/10/2014 **Start Qty:** 2.00 *2*
Required Date: 7/9/2014 **Req'd Qty:** 2.00 *2*
Reference:

Cust Item ID:
Customer:

Run Start *NR1*
Stop *NR2*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____
QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC4- 100% Inspect kits for completeness	0.00 DAS 27 9-89							
130 QC Quality Control	Memo	0.00 14/4/30							
140	Identify as per dwg & Stock Location:_____	0.00							DAS 32 9-89
140 Packaging Packaging	Memo MFS	0.00				14/4/30 (2)			
150	QC21- Final Inspection - Work Order Release	0.00							
150 QC Quality Control	Memo	0.00				MLJ 14-05-01			

14-4-30

DQA: _____ Date: _____

DART AEROSPACE

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

- Rework ☐
- Scrap ☐
- Use-as-is ☐
- Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

- Skid-tube ☐
- Machining ☐
- Thermoforming ☐
- Large Fab ☐
- Crosstube ☐
- Small Fab ☐
- Finishing ☐
- Composite ☐
- Water Jet ☐
- Prod. Eng. Coor. ☐
- Rec/Store/Packaging ☐
- Supplier ☐
- Engineering ☐
- Quality ☐
- Other ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design	☐									
Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

FAULT CATEGORY

Landing Gear

- ☐ Bending
- ☐ Centre Not Concentric
- ☐ Cracks
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- ☐ Cuffs
- ☐ Crushing
- ☐ Heat Treat
- ☐ Inspection Strip in Tube
- ☐ Marks/Chatter
- ☐ Turning Sequence
- ☐ Wave/Twist in Tube

General

- ☐ Bend
- ☐ BOM/Route
- ☐ Broken/Damage/Defect
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- ☐ Contamination
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- ☐ Cut Too Short
- ☐ Drawing
- ☐ Drill Holes
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- ☐ Folio/Program
- ☐ Grain
- ☐ Hardware
- ☐ Inspection Incomplete/Unqualified
- ☐ Instructions Incomplete/Unclear
- ☐ Misaligned/off center
- ☐ Mislabeled
- ☐ Misread
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- ☐ Out of Sequence
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- ☐ Part Incorrect
- ☐ Part Lost/Missing
- ☐ Part Moved
- ☐ Positioned Wrong
- ☐ Power Loss/Surge
- ☐ Pressure/Forced
- ☐ Set-up
- ☐ Temperature/Cure
- ☐ Weld
- ☐ Wrong Stock Pulled
- ☐ Other

_____

_____

_____

Picklist Print

Thursday, April 10, 2014 10:32:49 AM

Work Order ID: 116298 *116298*

Parent Item: D4728-053 *D4728-053*

Parent Item Name: Cabin Lights #2

Start Date: 4/10/2014 **Required Date:** 7/9/2014

Start Qty: 2.00 **Required Qty:** 2.00

Comments: IPP REV:A 12.11.09 NEW ISSUE DD VERF:JLM IPP REV.
B 13/07/24 DWG. ULPDATE DL VERIFIED BY:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4638-1 *D4638-1* Led Light		Manufactured	No				Each	11.0000	**	2 5	CL 4/04/23		
										B11 2121			
				Location			**Loc Qty**		**Loc Code**				
				ST124			11						
					111296		11						
D4728-053P *D4728-053P* Cabin Lights #2		Purchased	No				Each	0.0000	**	2	4/3/23 (2)		

DQA: _____ Date: _____

DART AEROSPACE

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: Date: Work Order update only ☐

Work Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

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Skid-tube ☐ Crosstube ☐ Water Jet ☐ Engineering ☐
Machining ☐ Small Fab ☐ Prod. Eng. Coor. ☐ Quality ☐
Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐
Large Fab ☐ Composite ☐ Supplier ☐

Root Cause		Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
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Doc/Data	☐									
Equip/Tooling	☐									
Handling/Pre	☐									
Material	☐									
Operator	☐									
Offset/Setup	☐									
Process	☐									
Supplier	☐									
Training	☐									
Transport	☐									
Unapproved	☐									

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Landing Gear

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☐ Cut Too Short
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☐ Drill Holes
☐ Finish
☐ Fit/Function

☐ Folio/Program
☐ Grain
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☐ Misaligned/off center
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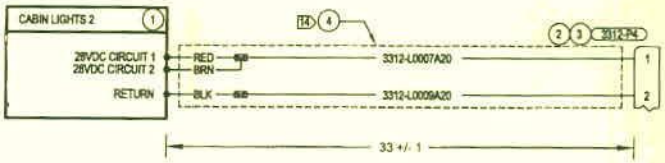
☐ Positioned Wrong
☐ Power Loss/Surge

☐ Pressure/Forced
☐ Set-up
☐ Temperature/Cure
☐ Weld
☐ Wrong Stock Pulled

☐ Other

_____
_____
_____

LIST OF MATERIALS						
QTY PER			ITEM	PART NUMBER	DESCRIPTION	SUPPLIER
		1	1	D4638-1	CABIN LIGHTS	DART
		1	2	1-480305-0	CONNECTOR	TYCO ELECTRONICS
		A/R (3)	3	60618-1	CONTACTS	TYCO ELECTRONICS
		A/R (33)	4	XPF-1/4 [14]	EXPANDABLE SLEEVING	EDMO



D4728-053 CABIN LIGHT #2 ASSY.

CL 14/04/10

ECO: 116298

RELEASED
MAY 2014 -07- 22

NOTES:

1. ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED ;M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS. SOLDERABILITY CAN BE ACHEIVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR)
2. ALL NEW TWISTED-SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
3. ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
4. IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
5. KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
6. ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
7. ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
8. ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION
9. ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
10. ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS.
11. A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
12. UNITS: INCHES UNLESS OTHERWISE NOTED.
13. IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.

[14] EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN		
CHECKED		DRAWING NO. REV. D
MFG. APPR.		D4728 SHEET 10 OF 15
APPROVED		TITLE SCALE
DE APPR.		UTILITY INTERIOR WIRING HARNESS NTS
DATE 14.01.09		

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO23732

Purchase Order Date 4/9/2014
PO Print Date 4/29/2014

Order From : VU-EAG002

EAGLE COPTERS MAINTENANCE LTD.
823 MCTAVISH ROAD N E
CALGARY, AB T2E 7G9
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 403-250-7370
Ship To Contact
Ship To Phone
Ship Via:
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

27	D4728-051P	Cabin Lights #1	7/9/2014 Yes 7/9/2014	5.00 Each		$350.00	$1,750.00

NOTE
Manufacture as per drawing D4728 rev.D
B115159

Line Total: **$1,750.00**

28	D4728-053P	Cabin Lights #2	5/9/2014 Yes 5/9/2014	5.00 Each	Rec'd 5/9/14	$350.00	$1,750.00

NOTE
Manufacture as per drawing D4728 rev.D
B116298

Line Total: **$1,750.00**

29	D4728-053P	Cabin Lights #2	6/9/2014 Yes 6/9/2014	5.00 Each		$350.00	$1,750.00

NOTE
Manufacture as per drawing D4728 rev.D
B116300

Note:

EAGLE COPTERS — INNOVATIVE HELICOPTER SOLUTIONS

PACKING SLIP

DATE: 28 Apr 14

FROM: Eagle Copters Maintenance Ltd.
823 McTavish Rd. NE
Calgary, AB, Canada
T2E 7G9

SHIP TO : DART Aerospace

ITEM NO.	QUANTITY ORDERED	QUANTITY SHIPPED	BACK ORDERED	PART NUMBER	BATCH / S/N NUMBER	CUSTOMER PURCHASE ORDER	EAGLE WORK ORDER	DESCRIPTION
1	2	2	0	D4728-053P	See W.O.	P.O. 23732	51207	Cabin Lights #2
2	2	2	0	D4728-051P	See W.O.	P.O. 23732	51207	Cabin Lights #1
3	2	2	0	D4728-055P	See W.O.	P.O. 23732	51207	Cabin Lights #3

DAS 27 JAS 14/4/30

CERTIFICATE OF COMPLIANCE

[x] EAGLE COPTERS CERTIFIES THAT THE ITEMS OR MATERIALS COVERED BY THIS DOCUMENT HAVE BEEN INSPECTED AND TESTED IN ACCORDANCE WITH THE TECHNICAL SPECIFICATIONS OF THE CONTRACT AND THAT ALL INSPECTION OPERATIONS AND TESTS HAVE BEEN COMPLETED AND THE PRODUCTS COMPLY IN EVERY RESPECT WITH THE RELEVANT PARTICULAR SPECIFICATIONS, DRAWINGS, AND RELEVANT STANDARDS AND REGULATIONS IN FORCE.

DISTRIBUTOR STATEMENT OF CONFORMANCE

[ ] I HEREBY CERTIFIY THAT THE AIRCRAFT PARTS DESCRIBED HEREON WERE ACQUIRED FROM A SOURCE OF SUPPLY THAT IS CONSISTENT WITH THE CONDITIONS UNDER WHICH TRANSPORT CANADA APPROVED DISTRIBUTOR APPROVAL NUMBER 6-81 HAS BEEN GRANTED

AUTHORIZED INSPECTOR: _____ ECML 28 AMO 6-81

TCCA APPROVAL NO. 6-81

Eagle Copters Maintenance Ltd

Packing Slip

823 McTavish Rd, NE
Calgary, Alberta T2E 7G9
Canada

Telephone: (403) 250-7370 Fax: (403) 250-7110

April 28, 2014

Shipment number: SH#14-001293
Customer PO number: PO23732

Ship To: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada
Phone: (613)632-5200

Ship Via: FED EX
Carrier Terms:

Waybill: 798685380455
Customer PO number: PO23732

Item	Part Number	Part Description	Current Location	Qty	UOM	Serial Number	Lot Numb
1	D4728-053P	CABIN LIGHTS #2	Eagle Avionic Systems	2			
Work Order Number: 51207.28						**Eagle PO Number:**	
2	D4728-055P	CABIN LIGHTS #3	Eagle Avionic Systems	2			
Work Order Number: 51207.31						**Eagle PO Number:**	
3	D4728-051P	CABIN LIGHTS #1	Eagle Avionic Systems	2			
Work Order Number: 51207.25						**Eagle PO Number:**	

All Parts being sent on this packing slip have the original certification on file at Eagle Copters Ltd.

* End of Report *

>> denotes that the Packing Slip line item has already been printed.

Work Order Number: 51207 Cabin Harnesses

This Work Report forms part of this aircraft's permanent technical records - **DO NOT DESTROY**.

Item: 28 CABIN LIGHTS #2

Squawk: 28.1
Discrepancy:
Assemble D4728-053P As
Per DWG D4728 Rev. D
B116298

Resolution:
Assembled D4728-053P As
Per DWG D4728 Rev. D
B116298. Function tested
serviceable.

28.1 Work Done By: Eric Olberg

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.
AMO 6-81 Signature: Graeme Rowe on 4/28/2014

Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
M22759/41-20-9	WIRE		LT-14-004968	New	7
1-480305-0	CONNECTOR		LT-14-001904	New	1
60618-1	CONTACT		LT-14-002300	New	3
XPF-1/4	EXPANDABLE SLEEVING		LT-14-004666	New	3

Squawk: 28.2
Discrepancy:
Assemble D4728-053P As
Per DWG D4728 Rev. D
B116298

Resolution:
Assembled D4728-053P As
Per DWG D4728 Rev. D
B116298. Function tested
serviceable.

28.2 Work Done By: Eric Olberg

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.
AMO 6-81 Signature: Graeme Rowe on 4/28/2014

Parts:

Part Number	Description	Serial Number	Lot Number	Condition	Qty
M22759/41-20-9	WIRE		LT-14-004968	New	7
1-480305-0	CONNECTOR		LT-14-001904	New	1
60618-1	CONTACT		LT-14-002300	New	3
XPF-1/4	EXPANDABLE SLEEVING		LT-14-004666	New	3